

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

---

Applicant : Takayasu FUJIMORI, et al.  
Serial No. : 10/092,592  
Filed : March 8, 2002  
For : PROCESS FOR PRODUCING POLYCARBONATE  
RESIN  
Art Unit : 1712

D E C L A R A T I O N

Honorable Commissioner of  
Patent & Trademarks  
Washington, D.C. 20231

I, Takayasu FUJIMORI, Japanese citizen, residing at  
c/o Mitsubishi Gas Chemical Company Inc., Corporate Research  
Laboratory, 22 Wadai, Tsukuba-shi, Ibaraki-ken 300-4247 Japan,  
Declare:

That I am an inventor of the above application, and  
familiar with the invention and prosecution history of said  
application ;

I performed the following experiments in order to  
demonstrate that each polycarbonate resin to be obtained in  
Comparative Examples 1 to 10 is readily colored during  
production also in the same heat stirring time (reaction time) as

in Example 1.

---

Experiment

Comparative Example 1-1.

The experiment was performed in the same manner as in Comparative Example 1 except that heat stirring time ( reaction time ) was changed from 100 minutes to 40 minutes.

Comparative Example 2-1.

The experiment was performed in the same manner as in Comparative Example 2 except that heat stirring time ( reaction time ) was changed from 100 minutes to 40 minutes.

Comparative Example 3-1.

The experiment was performed in the same manner as in Comparative Example 3 except that heat stirring time ( reaction time ) was changed from 100 minutes to 40 minutes.

Comparative Example 4-1.

The experiment was performed in the same manner as in Comparative Example 4 except that heat stirring time ( reaction time ) was changed from 100 minutes to 40 minutes.

Comparative Example 5-1.

The experiment was performed in the same manner as

in Comparative Example 5 except that heat stirring time  
( reaction time ) was changed from 100 minutes to 40 minutes.

---

Comparative Example 6-1.

The experiment was performed in the same manner as  
in Comparative Example 6 except that heat stirring time  
( reaction time ) was changed from 100 minutes to 40 minutes.

Comparative Example 7-1.

The experiment was performed in the same manner as  
in Comparative Example 7 except that heat stirring time  
( reaction time ) was changed from 100 minutes to 40 minutes.

Comparative Example 8-1.

The experiment was performed in the same manner as  
in Comparative Example 8 except that heat stirring time  
( reaction time ) was changed from 100 minutes to 40 minutes.

Comparative Example 9-1.

The experiment was performed in the same manner as  
in Comparative Example 9 except that heat stirring time  
( reaction time ) was changed from 100 minutes to 40 minutes.

Comparative Example 10-1.

The experiment was performed in the same manner as  
in Comparative Example 10 except that heat stirring time

(reaction time ) was changed from 100 minutes to 40 minutes.

---

### Experimental results

The experimental results were shown in Table 1.

### Conclusion

As shown in Table 1, each polycarbonate resin to be obtained in Comparative Examples 1-1 to 10-1 is readily colored during production.

Table 1

	Reaction time, min.	Mw	YI		Reaction time, min	Mw	YI
Comp.Ex. 1	100	46200	3.60	Comp.Ex. 1·1	40	42200	3.52
Comp.Ex. 2	100	46900	3.62	Comp.Ex. 2·1	40	43300	3.54
Comp.Ex. 3	100	45500	3.79	Comp.Ex. 3·1	40	42000	3.71
Comp.Ex. 4	100	46400	3.66	Comp.Ex. 4·1	40	43000	3.60
Comp.Ex. 5	100	44800	3.75	Comp.Ex. 5·1	40	41100	3.70
Comp.Ex. 6	100	45000	3.99	Comp.Ex. 6·1	40	41900	3.94
Comp.Ex. 7	100	45800	3.69	Comp.Ex. 7·1	40	42600	3.62
Comp.Ex. 8	100	44900	3.78	Comp.Ex. 8·1	40	41100	3.70
Comp.Ex. 9	100	46500	3.64	Comp.Ex. 9·1	40	43200	3.58
Comp.Ex. 10	100	47000	3.73	Comp.Ex. 10·1	40	43500	3.67

The undersigned declarant declares further that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signed this day of Jan. 26, 2004

Takayasu Fujimori

Takayasu FUJIMORI